In the Claims

Claims 1-4 (Canceled).

5. (Original) An alkyl ether sulfate composition comprising an alkyl ether sulfate represented by the formula:

XOSO₃M, wherein M is hydrogen or a cation, and X is represented by the formula

$$\begin{array}{c|c} R_1 & R_2 \\ CH_{\overline{3}} & CH & CH_{\overline{2}} & CH_{\overline{2}} & CH_{\overline{2}} & CH_{\overline{2}} \end{array}$$

wherein R₁ represents hydrogen or a hydrocarbyl radical having from 1 to 3 carbon atoms, R₂ represents a hydrocarbyl radical having from 1 to 7 carbon atoms, x is a number ranging from 0 to 16, wherein the total number of carbon atoms in the alkyl ether sulfate ranges from 9 to 24.

- 6. (Original) The alkyl ether sulfate composition of claim 5 wherein M is hydrogen.
- 7. (Original) The alkyl ether sulfate composition of claim 5 wherein M is a cation effective to provide a water soluble alkyl ether sulfate composition.
- 8. (Original) The alkyl ether sulfate composition of claim 7 wherein M is selected from the group consisting of ammonium, alkanolammonium, monovalent metal cations, and polyvalent metal cations.
- 9. (Original) The alkyl ether sulfate composition of claim 5 wherein R₂ is a hydrocarbyl radical having 1 carbon atom.
- 10. (Original) The alkyl ether sulfate composition of claim 9 wherein R₁ is hydrogen.
- 11. (Original) The alkyl ether sulfate composition of claim 5 wherein x is a number ranging from 3 to 13.
- 12. (Original) The alkyl ether sulfate composition of claim 6 wherein R₂ is a hydrocarbyl radical having 1 carbon atom.

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- 13. (Original) The alkyl ether sulfate composition of claim 12 wherein R₁ is hydrogen.
- 14. (Original) The alkyl ether sulfate composition of claim 6 wherein x is a number ranging from 3 to 13.
- 15. (Original) The alkyl ether sulfate composition of claim 7 wherein R₂ is a hydrocarbyl radical having it carbon atom.
- 16. (Original) The alkyl ether sulfate composition of claim 15 wherein R₁ is hydrogen.
- 17. (Original) The alkyl ether sulfate composition of claim 7 wherein x is a number ranging from 3 to 13.

Claims 18-38 (Canceled).

- 39. (Original) A detergent composition comprising the alkyl ether sulfate composition of claim 5.
- 40. (Original) A detergent composition comprising the alkyl ether sulfate composition of claim 6.
- 41. (Original) A detergent composit on comprising the alkyl ether sulfate composition of claim 7.

Claims 42-54 (Canceled).

Please add the following new claims:

- 55. (New) A detergent composition comprising the alkyl ether sulfate composition of claim
- 56. (New) A detergent composition comprising the alkyl ether sulfate composition of claim

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